

INTERNATIONAL SEARCH REPORT

International Application No.
PCT/FR 00/00375

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K35/14 A61K9/127 A61K48/00 A61K39/42 A61P31/18
A61P37/00 //C07K14/16, A61K39/21, C12N5/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07K A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	R. LACASSE ET AL.: "Fusion-competent vaccines: Broad neutralization of primary isolates of HIV." SCIENCE, vol. 283, no. 5400, 15 January 1999 (1999-01-15), pages 357-362, XP002120812 Washington, DC, États-Unis cited in the application the whole document -/-	1-21

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

Z document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
26 May 2000	05/06/2000
Name and mailing address of the ISA	Authorized officer
European Patent Office, P.O. Box 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax. 31 651 800 nl. Fax: (+31-70) 340-3016	Nooij, F

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	J. ROSSIO ET AL.: "Inactivation of human immunodeficiency virus type 1 infectivity with preservation of conformational and functional integrity of virion surface proteins." JOURNAL OF VIROLOGY, vol. 72, no. 10, October 1998 (1998-10), pages 7992-8001, XP002120813 Baltimore, MD, États-Unis abstract	1-21
A	D. MONTEFIORI ET AL.: "Magic of the occult?" SCIENCE, vol. 283, no. 5400, 15 January 1999 (1999-01-15), pages 336-337, XP002120814 Washington, DC, États-Unis the whole document	1-21
A	WO 97 26009 A (PROGENICS PHARMACEUTICALS, INC.) 24 July 1997 (1997-07-24) example claims	1-21
A	D. CHAN ET AL.: "HIV entry and its inhibition." CELL, vol. 93, no. 5, 29 May 1998 (1998-05-29), pages 681-684, XP002120815 Cambridge, MA, États-Unis figure 2	1-21
P,X	K. SCHÖNNING ET AL.: "Frosne fusionskomplekser - en genvej til en HIV-vaccine? (Frozen fusion complexes - a shortcut to a HIV-vaccine?)" UGESKRIFT FOR LAEGER, vol. 161, no. 31, 2 August 1999 (1999-08-02), pages 4415-4416, XP002120816 Copenhague, Danemark le titre figure 1	1-21
P,A	Q. SATTENTAU ET AL.: "Antibody neutralization of HIV-1 and the potential for vaccine design." IMMUNOLOGY LETTERS, vol. 66, no. 1-3, March 1999 (1999-03), pages 143-149, XP002120817 Amsterdam, Pays-Bas the whole document	1-21